

How Hurricanes React

Experiment Two

Materials

- Tube
- Two soda bottles(empty)
- Food coloring
- Water
- iPad

Procedures

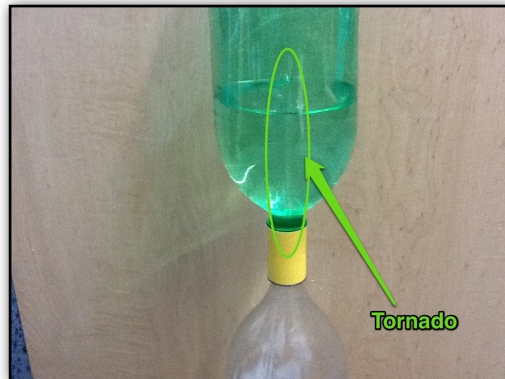
- Fill one bottle half way with water.
- Drop a few drops of food coloring(any color).
- Connect both bottles using the tube.
- Shake the bottles and turn it upside down.
- With the iPad record your observations.
- Start writing your conclusion and try to include what happened, why it happened, and what you learned in this experiment.

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Observations



This video is a video about another experiment that we did. This experiment is usually used for an understanding of tornados, but we used it to understand the eye of the storm.



This funnel is the tornado

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Conclusion for Experiment

I conclude that my hypothesis was correct, yet again. My hypothesis said that the experiment would teach me something about hurricanes and it did. I learned that the eye is the only part of the storm that does not harm people but gives them time to prepare for the second half. I also learned the eye also helps the storm move from place to place. I realized through this experiment that the eye is a really important part of a hurricane. A summary of what happened is that my teacher shakes the bottle while I video tape whats happening. It took us a while to get the tornado going. When we did it correctly we would get a rope twister (funnel) in the water like in the video. This is why I claim that my hypothesis was accepted.



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Main Conclusion

I conclude that my hypothesis was correct. In both experiments there is proof that experiments are accurate. Each one had it's own lesson, and a way of noticing it. One experiment taught me about the winds of a hurricane and the difference between the first half and the second half. Plus, it taught me where the waves of the storm come from. The other taught me specifically about the eye of the storm and how it helps a hurricane move and rotate. The experiments showed me how accurate experiments can be. These experiments taught me not only about how accurate models are, but also how a hurricane moves and what each part represents. This is what I learned and why my hypothesis was accepted.

